**Order of Operations and Decimal Numbers 2.4 practice name:\_\_\_\_\_\_\_\_\_\_**

**True/False**

*Indicate whether the statement is true or false.*

\_\_\_\_ 1. 368.579 rounded to the nearest hundredth is 368.58.

\_\_\_\_ 2. 6752.2548 rounded to the nearest thousandth is 7000.

\_\_\_\_ 3. 2637.5975 rounded to the nearest tenth is 2637.5.

**Short Answer**

4. A bag has a mass of 3.85 g and contains 75 g of chips. The box in which the chips are shipped has a mass of 652.57 g and holds 24 bags of chips. What would be the mass of a full box of bags of chips?

5. School dance tickets sell for $5.50 each or $4.75 with a can of food for charity. The school sold 87 regular tickets and 153 tickets with a can of food. How much money was collected from the sale of dance tickets?

6. Add brackets to make the following statement true.

8.7 – 27.6 – 11.7 x 3 = 3.4

7. Where should brackets be placed to make the following statement true?

13.6 – 9.4 x 12.8 + 6.24 = 60

8. Correctly place brackets to make the following statement true.

24.5 + 21.4 x 8.6 – 5.2 = 13.5

**Problem**

9. Four pieces of wooden walkway are 0.89 m, 1.23 m, 2.1 m, and 0.91 m in length respectively. The pieces of wood are laid end to end across a muddy section in the school yard. The muddy section measures 4.37 m across. The walkway is placed so that there is exactly the same amount of walkway on each side of the mud. How much of the walkway will be out of the mud on each side of the mud?

10. Jules and Tsage each bought 2 different Megadeth CDs from Future Shop (the one that is in the South part of Red Deer off of Gaetz Ave). One CD cost $10.16, while the second one cost $14.68. Helaenna, Alex, Tayla and Andrew each bought 2 CDs for $20.33 each and a third one for $7.88 (now that’s a lot of CDs!!! They must not have been liking the music selection in the shared file!).

**a)** Write an expression that can be used to calculate how much they spent altogether.

**b)** How much did the group spend altogether?